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ABSTRACT

The information presented in this report is taken from annual vocational education reports submitted by the states and includes data from the major cities. Population data are taken from the 1970 Census Report. The purpose of the material is to give some indication as to the states' population served by vocational education in the major cities and the expenditures that were made for vocational education. Conclusions drawn from the tabular data include: (1) A comparison of vocational education enrollment with population reveals that the percentages of enrollment in major cities fall behind the percentages of population. In 25 cities, the enrollment percentage is less than the population percentage. (2) A comparison of Federal expenditures with population reveals that 25 cities expend a lesser percentage of the state's Federal funds than their percentage of population. (3) A comparison of state and local expenditures with population reveals that 28 cities expend a lesser percentage of the state's total expenditures than their percentage of population. (4) A comparison of enrollment by target group with total enrollment reveals that 17 cities have a higher percentage of disadvantaged than their percentage of the state's total enrollment and 12 cities exceed in percentage of handicapped over the state's total enrollment. (Author/JS)

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V O C A T I O N A L E D U C A T I O N I N M A J O R C I T I E S

Analysis of Population, Vocational Education Enrollment, Teachers, and Expenditures

Fiscal Year 1970

U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
Office of Education
Bureau of Adult, Vocational, and Technical Education
Division of Vocational and Technical Education
Washington, D.C. 20202

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INTRODUCTION

The information presented in this report is taken from annual vocational education reports submitted by the States and includes data from the major cities. Population data are taken from the 1970 Census Report.

The purpose of the material is to give some indication as to the States' population served by vocational education in the major cities and the expenditures that were made for vocational education. The total vocational enrollment for the State and city is reported with a breakdown by level of education and the number of enrollees who are disadvantaged and handicapped. The expenditures for vocational education are reported by Federal and State/Local sources, by the total amount of expenditures allocated to each level of education, and by the total amount allocated to the disadvantaged and handicapped. For States having more than one major city, a total is compiled with a percentage for the total indicated. Information on 40 major cities is included. Reports were not received for 15 of the 50 biggest cities, as identified by the Census, in Arizona, California, Florida, Maryland, and New York.

SUMMARY

1. Major City Proportion of State Varies Widely

The 40 major cities reported show a range in percentages of their respective States for selected items as follows:

	Low	High
Population	2.5 percent	42.2 percent
Vocational Enrollment	1.7 percent	35.6 percent
Federal Expenditures	0.1 percent	63.6 percent
State/Local Expenditures	0.1 percent	70.5 percent
Number of Teachers	1.5 percent	69.7 percent

2. Major City Vocational Education Enrollment Lags Population

A comparison of vocational education enrollment with population reveals that the percentages of enrollment in major cities fall behind the percentages of population. In 25 cities, the enrollment percentage is less than the population percentage.

3. Major City Federal Expenditure Lags Population

A comparison of Federal expenditures with population reveals that 25 cities expend a lesser percentage of the State's Federal funds than their percentage of population.

4. Major City State/Local Expenditures Lag Population

A comparison of State and local expenditures with population reveals that 28 cities expend a lesser percentage of the State's total expenditures than their percentage of population.

5. Teachers Compare Favorably with Population and Enrollment

A comparison of the number of teachers with population reveals that in 17 cities the percentage of teachers exceeds their percentage of population, and 23 cities have a larger percentage of the State's total teachers than their percentage of vocational enrollment.

6. Major Cities Emphasize Adult and Postsecondary Programs

A comparison of enrollment by level of education with total vocational enrollment reveals that major cities have a higher proportion of the State's postsecondary and adult enrollments and a less percentage of secondary enrollment. Only 11 cities have a higher percentage of secondary enrollment than total enrollment while 22 cities have higher percentages of postsecondary enrollment and 26 cities have higher percentages of adult enrollment. In 24 cities the percentage of postsecondary enrollment exceeds the percentage of secondary enrollment, and in 28 cities the percentage of adult enrollment exceeds the percentage of secondary enrollment.

7. Major Cities Lag in Enrollment of Disadvantaged and Handicapped

A comparison of enrollment by target group with total enrollment reveals that 17 cities have a higher percentage of disadvantaged than their percentage of the State's total enrollment and 12 cities exceed in percentage of handicapped over the State's total enrollment.

8. Major City Expenditures Deviate Considerably From Enrollment

A comparison of expenditures and enrollment by level of education and target group indicates the following:

Secondary - In 18 cities the percentages of expenditures exceed the enrollment.

Postsecondary - In 11 cities the percentages of expenditures exceed the enrollment.

Adult - In 22 cities the percentages of expenditures exceed the enrollment.

Disadvantaged - In 20 cities the percentages of expenditures exceed the enrollment.

Handicapped - In 20 cities the percentages of expenditures exceed the enrollment.

Table 1 - TOTAL AND PERCENTAGE OF STATES' POPULATION IN MAJOR CITIES

State	City	1970 Population	Percentage
Alabama		3,444,165	100.0
	Birmingham	300,910	8.7
	Mobile	190,026	5.5
	Total	490,936	14.2
Colorado		2,207,259	100.0
	Denver	514,678	23.3
Georgia		4,589,575	100.0
	Atlanta	496,973	10.8
Hawaii		769,913	100.0
	Honolulu	324,871	42.2
Illinois		11,113,976	100.0
	Chicago	3,366,957	30.3
Indiana		5,193,669	100.0
	Indianapolis	744,624	14.3
Kansas		2,249,071	100.0
	Wichita	276,554	12.3
Kentucky		3,219,311	100.0
	Louisville	361,472	11.2
Louisiana		3,643,180	100.0
	New Orleans	593,471	16.3
Massachusetts		5,689,170	100.0
	Boston	641,071	11.3
Michigan		8,875,083	100.0
	Detroit	1,511,482	17.0
Minnesota		3,805,069	100.0
	Minneapolis	434,400	11.4
	St. Paul	309,980	8.1
	Total	744,380	19.5
Missouri		4,677,399	100.0
	Kansas City	507,087	10.8
	St. Louis	622,236	13.3
	Total	1,129,323	24.1
Nebraska		1,483,791	100.0
	Omaha	347,328	23.4

Table 1 - TOTAL AND PERCENTAGE OF STATES' POPULATION IN MAJOR CITIES (Cont'd)

State	City	1970 Population	Percentage
New Jersey		7,168,164	100.0
	Jersey City	260,545	3.6
	Newark	382,417	5.3
	Total	642,962	8.9
New Mexico		1,016,000	100.0
	Albuquerque	243,751	24.0
Ohio		10,652,017	100.0
	Akron	275,425	2.6
	Cincinnati	452,524	4.2
	Cleveland	750,903	7.0
	Columbus	539,677	5.1
	Dayton	243,601	2.3
	Toledo	383,818	3.6
	Total	2,645,948	24.8
Oklahoma		2,559,253	100.0
	Oklahoma City	366.481	14.3
	Tulsa	331,638	13.0
	Total	698,119	27.3
Oregon		2,091,385	100.0
	Portland	382,619	18.3
Pennsylvania		11,793,909	100.0
	Philadephia	1,948,609	16.5
	Pittsburgh	520,117	4.4
	Total	2,468,726	20.9
Tennessee		3,924,164	100.0
	Memphis	623,530	15.9
Texas		11,196,730	100.0
	Dallas	844,401	7.5
	El Paso	322,261	2.9
	Fort Worth	393,476	3.5
	Houston	1,232,802	11.0
	San Antonio	654,153	5.8
	Total	3,447,093	30.8
Virginia		4,648,494	100.0
	Norfolk	307,951	6.6
Washington		3,409,169	100.0
	Seattle	530,831	15.6
Wisconsin		4,417,933	100.0
	Milwaukee	717,099	16.2

Table 2 - NUMBER AND PERCENTAGE OF STATES' VOCATIONAL EDUCATION ENROLLMENT IN MAJOR CITIES, FY 1970

	Total Enrollment	Percentage	Secondary Enrollment	Secondary Percentage	Postsecondary Enrollment	Postsecondary Percentage	Adult Enrollment	Adult Percentage
Alabama	153,721	100.0	91,883	100.0	15,354	100.0	46,484	100.0
Birmingham	12,063	7.8	5,999	6.5	1,371	8.9	4,693	10.0
Mobile	8,847	5.7	3,484	3.7	1,562	10.1	3,801	8.1
Total	20,910	13.6	9,483	10.3	2,933	19.1	8,494	18.2
Colorado	106,821	100.0	48,377	100.0	16,774	100.0	41,670	100.0
Denver	33,078	30.9	6,014	12.4	2,489	14.8	24,575	14.8
Georgia	298,619	100.0	173,128	100.0	17,042	100.0	108,449	100.0
Atlanta	34,301	11.4	10,379	5.9	3,238	19.0	20,684	19.0
Hawaii	39,764	100.0	27,373	100.0	5,758	100.0	6,633	100.0
Honolulu	29,787	74.9	20,533	75.0	4,488	77.9	4,766	71.8
Illinois	626,740	100.0	529,054	100.0	48,259	100.0	49,427	100.0
Chicago	131,296	20.9	93,737	17.7	18,191	3.7	19,368	39.2
Indiana	119,607	100.0	78,579	100.0	5,626	100.0	35,402	100.0
Indianapolis	4,187	3.5	2,263	2.8	361	6.4	1,563	4.4
Kansas	76,766	100.0	31,565	100.0	5,249	100.0	39,952	100.0
Wichita	13,224	17.2	6,070	19.2	300	5.7	6,854	1.7
Kentucky	127,783	100.0	78,911	100.0	7,309	100.0	41,563	100.0
Louisville	5,374	4.2	3,952	5.0	186	2.5	1,236	3.0
Louisiana	165,481	100.0	123,141	100.0	15,801	100.0	26,539	100.0
New Orleans	12,312	7.4	7,571	6.1	1,659	10.4	3,082	11.6
Massachusetts	113,673	100.0	83,992	100.0	11,399	100.0	18,282	100.0
Boston	10,805	9.5	8,122	9.7	253	2.2	2,430	13.3
Michigan	327,235	100.0	170,217	100.0	34,954	100.0	122,726	100.0
Detroit	31,240	9.5	19,319	11.3	220	0.1	11,701	9.5
Minnesota	240,766	100.0	136,646	100.0	16,845	100.0	87,275	100.0
Minneapolis	32,657	13.6	13,140	9.6	1,184	7.0	18,333	21.0
St. Paul	33,127	13.8	12,092	8.8	2,351	14.0	18,684	21.4
Total	65,784	27.3	25,232	18.4	3,535	21.0	37,014	42.4
Missouri	144,338	100.0	97,054	100.0	9,068	100.0	38,216	100.0
Kansas City	8,122	5.6	1,818	1.9	2,086	23.0	4,218	11.0
St. Louis	17,220	11.9	6,859	7.1	2,821	31.1	7,540	19.7
Total	25,342	17.6	8,677	9.0	4,907	54.1	11,758	30.7
Nebraska	60,583	100.0	34,508	100.0	3,983	100.0	22,092	100.0
Omaha	7,663	12.6	4,355	12.6	364	9.1	2,944	12.8

Table 2 - NUMBER AND PERCENTAGE OF STATES' VOCATIONAL EDUCATION ENROLLMENT IN MAJOR CITIES, FY 1970 (Cont'd)

	Total Enrollment	Percentage	Secondary Enrollment	Secondary Percentage	Postsecondary Enrollment	Postsecondary Percentage	Adult Enrollment	Adult Percentage
New Jersey	152,532	100.0	117,424	100.0	7,523	100.0	27,585	100.0
Jersey City	5,967	3.9	5,653	4.8	0	-	314	1.1
Newark	9,055	5.9	8,364	7.1	0	-	691	2.5
Total	15,022	9.8	14,017	11.9	0	-	1,005	3.6
New Mexico	34,428	100.0	21,819	100.0	4,927	100.0	7,682	100.0
Albuquerque	11,664	30.9	3,600	16.4	2,050	41.6	6,014	78.2
Ohio	331,739	100.0	142,002	100.0	9,884	100.0	179,763	100.0
Akron	4,640	1.4	2,424	1.7	243	2.5	1,973	1.1
Cincinnati	15,227	4.6	3,630	2.6	755	7.6	10,842	6.0
Cleveland	21,403	6.5	7,018	4.9	373	3.8	14,012	7.8
Columbus	5,697	1.7	1,931	1.4	212	2.1	3,554	2.0
Dayton	10,274	3.1	3,145	2.2	414	4.2	6,715	3.7
Toledo	44,335	13.4	6,261	4.4	300	3.0	37,774	21.0
Total	101,576	30.6	24,409	17.2	2,297	23.2	74,870	41.6
Oklahoma	104,017	100.0	63,940	100.0	3,417	100.0	36,660	100.0
Oklahoma City	7,262	6.9	3,056	4.7	413	12.0	3,793	10.3
Tulsa	3,976	3.8	1,796	2.8	224	6.5	1,956	5.3
Total	11,238	10.8	4,852	7.5	637	18.6	5,749	15.6
Oregon	103,694	100.0	63,926	100.0	16,043	100.0	23,725	100.0
Portland	36,937	35.6	16,561	25.9	1,188	7.4	19,188	80.9
Pennsylvania	333,903	100.0	199,959	100.0	20,788	100.0	113,156	100.0
Philadelphia	41,571	12.4	28,293	14.1	637	3.0	12,641	11.1
Pittsburgh	9,884	2.9	8,303	4.1	435	2.0	1,145	1.0
Total	51,455	15.4	36,396	18.2	1,072	5.0	13,786	12.1
Tennessee	137,460	100.0	91,113	100.0	13,467	100.0	32,880	100.0
Memphis	18,761	13.6	9,419	10.3	2,469	18.3	6,873	20.9
Texas	510,633	100.0	267,426	100.0	28,615	100.0	214,592	100.0
Dallas	29,727	5.8	2,491	.9	2,071	7.2	25,165	11.7
El Paso	14,786	2.8	5,582	2.0	88	.3	9,116	4.2
Fort Worth	14,392	2.8	8,152	3.0	2,671	9.3	3,569	1.6
Houston	34,907	6.8	19,329	7.2	2,424	8.4	13,154	6.1
San Antonio	14,752	2.8	4,619	1.7	2,523	8.8	7,610	3.5
Total	108,564	21.2	40,173	15.0	9,777	34.1	58,614	27.3
Virginia	273,357	100.0	179,885	100.0	9,273	100.0	84,199	100.0
Norfolk	16,811	6.1	10,618	5.9	714	7.6	5,479	6.5
Washington	215,358	100.0	111,042	100.0	43,772	100.0	60,546	100.0
Seattle	24,361	11.3	7,354	6.6	4,569	10.4	12,438	20.5
Wisconsin	244,605	100.0	51,048	100.0	35,273	100.0	158,284	100.0
Milwaukee	46,330	18.9	5,068	9.9	13,529	38.4	27,733	17.5

Table 3 - NUMBER AND PERCENTAGE OF STATES' VOCATIONAL EDUCATION TEACHERS IN MAJOR CITIES, FY 1970

State	City	Number of Vocational Teachers	Percentage
Alabama		2,928	100.0
	Birmingham	540	18.4
	Mobile	219	7.4
	Total	759	25.9
Colorado		2,529	100.0
	Denver	825	32.6
Georgia		4,940	100.0
	Atlanta	577	11.6
Hawaii		654	100.0
	Honolulu	456	69.7
Illinois		11,495	100.0
	Chicago	2,125	18.5
Indiana		2.704	100.0
	Indianapolis	178	6.5
Kansas		1,625	100.0
	Wichita	269	16.5
Kentucky		2,817	100.0
	Louisville	139	4.9
Louisiana		2,812	100.0
	New Orleans	217	7.7
Massachusetts		3,951	100.0
	Boston	397	10.0
Michigan		6,643	100.0
	Detroit	505	7.6
Minnesota		4,736	100.0
	Minneapolis	694	14.7
	St. Paul	569	12.0
	Total	1,263	26.7
Missouri		3,885	100.0
	Kansas City	314	8.1
	St. Louis	547	14.1
	Total	861	22.2
Nebraska		1,309	100.0
	Omaha	319	24.3

Table 3 - NUMBER AND PERCENTAGE OF STATES' VOCATIONAL EDUCATION TEACHERS IN MAJOR CITIES, FY 1970 (Cont'd)

State	City	Number of Vocational Teachers	Percentage
New Jersey		4,082	100.0
	Jersey City	93	2.3
	Newark	158	3.9
	Total	251	6.2
New Mexico		729	100.0
	Albuquerque	194	26.6
Ohio		8,002	100.0
	Akron	178	2.2
	Cincinnati	201	2.5
	Cleveland	475	5.9
	Columbus	216	2.7
	Dayton	410	5.1
	Toledo	316	3.9
	Total	1,796	22.4
Oklahoma		1,699	100.0
	Oklahoma City	260	15.3
	Tulsa	145	8.5
	Total	405	23.8
Oregon		2,208	100.0
	Portland	669	30.3
Pennsylvania		10,385	100.0
	Philadelphia	1,128	10.8
	Pittsburgh	245	2.3
	Total	1,373	13.2
Tennessee		2,802	100.0
	Memphis	565	20.2
Texas		8,076	100.0
	Dallas	302	3.7
	El Paso	128	1.5
	Fort Worth	345	4.2
	Houston	571	7.0
	San Antonio	365	4.5
	Total	1,711	21.1
Virginia		5,466	100.0
	Norfolk	322	5.8
Washington		5,476	100.0
	Seattle	1,262	23.2
Wisconsin		7,800	100.0
	Milwaukee	1,296	16.6

Table 4 - AMOUNT AND PERCENTAGE OF STATES' VOCATIONAL EDUCATION EXPENDITURES IN MAJOR CITIES, BY SOURCE, FY 1970

	Federal		State/Local	
	Amount	Percentage	Amount	Percentage
Alabama	$ 5,769,317	100.0	$ 21,903,071	100.0
Birmingham	899,539	15.6	2,240,876	10.2
Mobile	301,657	5.2	1,314,742	6.0
Total	1,201,196	20.8	3,555,618	16.2
Colorado	3,284,866	100.0	9,257,387	100.0
Denver	572,976	17.4	1,396,538	15.0
Georgia	6,553,758	100.0	24,381,756	100.0
Atlanta	741,938	11.3	2,320,445	9.5
Hawaii	1,356,190	100.0	3,678,937	100.0
Honolulu	863,510	63.6	2,596,685	70.5
Illinois	14,885,381	100.0	115,530,249	100.0
Chicago	4,303,210	28.9	35,001,210	30.3
Indiana	8,746,969	100.0	14,806,510	100.0
Indianapolis	372,253	4.3	434,222	2.9
Kansas	3,817,178	100.0	9,902,280	100.0
Wichita	554,239	14.5	1,545,979	15.6
Kentucky	5,681,917	100.0	22,381,956	100.0
Louisville	270,254	4.7	1,011,836	4.5
Louisiana	7,051,210	100.0	11,770,922	100.0
New Orleans	686,144	9.7	1,849,909	15.7
Massachusetts	4,196,932	100.0	96,732,979	100.0
Boston	24,763	0.6	3,405,372	3.5
Michigan	14,015,833	100.0	38,534,382	100.0
Detroit	760,141	5.4	2,518,936	6.5
Minnesota	6,367,259	100.0	31,295,892	100.0
Minneapolis	730,677	11.5	2,742,863	8.8
St. Paul	239,132	3.8	2,729,955	8.7
Total	969,809	15.3	5,472,818	17.5
Missouri	6,823,510	100.0	30,060,650	100.0
Kansas City	1,152,602	16.9	3,467,326	11.5
St. Louis	610,597	8.9	3,940,085	13.1
Total	1,763,199	25.8	7,407,411	24.6
Nebraska	2,221,406	100.0	4,249,607	100.0
Omaha	420,435	18.9	913,916	17.4

Table 4 - AMOUNT AND PERCENTAGE OF STATES' VOCATIONAL EDUCATION EXPENDITURES IN MAJOR CITIES, BY SOURCE, FY 1970 (Cont'd)

	Federal		State/Local	
	Amount	Percentage	Amount	Percentage
New Jersey	$ 8,976,545	100.0	$ 27,061,760	100.0
Jersey City	44,380	0.1	34,891	0.1
Newark	392,491	4.4	1,620,459	6.0
Total	436,871	4.5	1,655,350	6.1
New Mexico	2,431,239	100.0	4,236,840	100.0
Albuquerque	481,410	19.8	755,312	17.8
Ohio	15,290,625	100.0	87,452,586	100.0
Akron	222,583	1.5	3,272,710	3.7
Cincinnati	646,018	4.2	339,781	0.4
Cleveland	907,390	5.9	2,177,087	2.5
Columbus	176,217	1.2	222,583	0.3
Dayton	548,071	3.6	1,160,573	1.3
Toledo	547,369	3.6	993,968	1.1
Total	3,047,648	19.9	8,166,702	9.3
Oklahoma	4,354,925	100.0	15,526,168	100.0
Oklahoma City	601,502	13.8	1,779,965	11.5
Tulsa	328,067	7.6	1,410,664	9.1
Total	930,469	21.4	3,190,629	20.6
Oregon	3,779,567	100.0	11,840,411	100.0
Portland	1,102,593	29.2	2,887,189	24.4
Pennsylvania	16,384,282	100.0	94,010,911	100.0
Philadelphia	2,736,257	16.7	8,648,808	9.1
Pittsburgh	1,091,325	6.7	5,908,989	6.2
Total	3,827,582	23.4	14,557,797	15.5
Tennessee	7,686,503	100.0	16,902,255	100.0
Memphis	1,165,993	15.2	2,528,150	15.0
Texas	19,458,139	100.0	61,481,70	100.0
Dallas	772,466	3.9	1,308,266	2.1
El Paso	212,483	1.0	773,567	1.2
Fort Worth	816,674	4.1	1,474,418	2.3
Houston	493,195	2.5	1,790,352	2.9
San Antonio	949,649	4.8	1,450,252	2.3
Total	3,244,467	16.6	6,796,855	11.0
Virginia	7,514,956	100.0	24,922,820	100.0
Norfolk	378,800	5.0	1,315,111	5.2
Washington	3,823,612	100.0	34,561,010	100.0
Seattle	355,809	9.3	1,644,036	4.7
Wisconsin	6,518,188	100.0	48,985,859	100.0
Milwaukee	1,522,922	23.4	16,988,844	34.7

Table 5 - AMOUNT AND PERCENTAGE OF STATES' TOTAL VOCATIONAL EDUCATION EXPENDITURES IN MAJOR CITIES, BY LEVEL, FY 1970

	Secondary		Postsecondary		Adult	
	Amount	Percentage	Amount	Percentage	Amount	Percentage
Alabama	$15,525,912	100.0	$11,564,625	100.0	$ 581,851	100.0
Birmingham	1,907,032	12.2	1,015,557	8.8	217,826	37.4
Mobile	547,866	3.5	1,035,157	9.0	33,376	5.7
Total	2,454,898	15.8	2,050,714	17.7	251,202	43.2
Colorado	7,159,560	100.0	4,718,179	100.0	664,510	100.0
	1,056,842	14.8	496,598	10.5	416,074	62.6
Georgia	15,355,309	100.0	12,403,409	100.0	3,176,796	100.0
Atlanta	1,164,203	7.6	1,531,896	12.4	366,284	11.5
Hawaii	2,061,361	100.0	2,717,885	100.0	255,881	100.0
Honolulu	1,410,362	68.4	1,845,421	67.9	204,412	79.9
Illinois	93,632,950	100.0	27,420,634	100.0	9,362,046	100.0
Chicago	27,164,925	29.0	5,618,100	20.5	6,521,395	69.7
Indiana	20,594,010	100.0	2,704,416	100.0	255,053	100.0
Indianapolis	590,189	2.9	213,894	7.9	2,392	0.9
Kansas	8,727,165	100.0	4,323,086	100.0	669,207	100.0
Wichita	1,667,025	19.1	323,169	7.5	110,024	16.4
Kentucky	17,254,332	100.0	8,413,576	100.0	2,395,965	100.0
Louisville	812,870	4.7	391,353	4.7	85,598	3.6
Louisiana	11,733,102	100.0	5,842,030	100.0	1,247,000	100.0
New Orleans	1,182,645	10.1	1,252,667	21.4	100,741	8.1
Massachusetts	82,512,176	100.0	17,186,965	100.0	1,230,770	100.0
Boston	3,218,907	3.9	152,996	0.9	58,232	4.7
Michigan	34,571,849	100.0	13,588,896	100.0	4,389,470	100.0
Detroit	2,546,183	7.4	--	--	732,894	16.7
Minnesota	11,807,155	100.0	23,373,363	100.0	2,482,633	100.0
Minneapolis	1,706,438	14.5	1,497,596	6.4	269,536	10.9
St. Paul	452,039	3.8	2,098,087	9.0	459,817	18.5
Total	2,158,477	18.3	3,595,683	15.4	729,353	29.4
Missouri	26,094,529	100.0	5,664,445	100.0	1,103,393	100.0
Kansas City	1,288,704	4.9	944,993	16.7	76,466	6.9
St. Louis	2,731,303	10.5	1,479,689	26.1	339,690	30.8
Total	4,020,007	15.4	2,424,682			
Nebraska	4,434,143	100.0	2,670,892	100.0	366,468	100.0
Omaha	1,022,951	23.1	194,799	7.3	116,661	31.8

Table 5 - AMOUNT AND PERCENTAGE OF STATES' TOTAL VOCATIONAL EDUCATION EXPENDITURES IN MAJOR CITIES, BY LEVEL, FY 1970 (Cont'd)

	Secondary		Postsecondary		Adult	
	Amount	Percentage	Amount	Percentage	Amount	Percentage
New Jersey	$32,547,920	100.0	$ 2,197,286	100.0	$ 1,293,099	100.0
Jersey City	79,271	0.2	--	--	--	--
Newark	1,746,902	5.4	168,076	7.6	97,972	7.6
Total	1,826,173	5.6	168,076	7.6	97,972	7.6
New Mexico	3,999,256	100.0	2,394,509	100.0	274,311	100.0
Albuquerque	380,664	9.5	755,277	31.5	100,781	36.7
Ohio	92,652,303	100.0	6,906,819	100.0	3,184,089	100.0
Akron	3,291,697	3.6	91,025	1.3	112,571	3.5
Cincinnati	648,055	0.7	223,598	3.2	114,146	3.6
Cleveland	2,393,379	2.6	208,024	3.0	483,074	15.2
Columbus	142,295	0.2	123,976	1.8	132,529	4.2
Dayton	1,216,839	1.3	197,516	2.9	294,289	9.2
Toledo	934,592	1.0	254,347	3.7	352,398	11.1
Total	8,626,857	9.3	1,098,486	15.9	1,489,007	46.8
Oklahoma	15,441,961	100.0	3,466,285	100.0	972,847	100.0
Oklahoma City	2,068,805	13.4	272,518	7.9	40,144	4.1
Tulsa	1,451,042	9.4	158,763	4.6	129,826	13.3
Total	3,519,847	22.8	431,281	12.4	169,970	17.4
Oregon	6,163,106	100.0	7,236,646	100.0	2,220,226	100.0
Portland	1,740,338	28.2	1,701,488	23.5	547,956	24.7
Pennsylvania	96,120,015	100.0	8,419,802	100.0	5,856,376	100.0
Philadelphia	9,216,680	9.6	781,908	9.3	1,386,477	23.7
Pittsburgh	5,625,819	5.9	988,515	11.7	295,580	5.0
Total	14,842,499	15.4	1,770,423	21.0	1,682,057	28.7
Tennessee	14,651,030	100.0	9,122,074	100.0	815,654	100.0
Memphis	1,691,490	11.5	1,769,254	19.4	233,399	28.6
Texas	53,808,424	100.0	24,698,621	100.0	2,432,800	100.0
Dallas	795,064	1.5	1,147,138	4.6	138,530	5.7
El Paso	869,358	1.6	34,276	0.1	82,416	3.4
Fort Worth	1,221,142	2.3	1,015,805	4.1	54,145	2.2
Houston	1,811,149	3.4	113,849	0.5	358,549	14.7
San Antonio	658,521	1.2	1,681,681	6.8	59,699	2.5
Total	5,355,234	10.0	3,992,749	16.2	693,339	28.5
Virginia	25,440,872	100.0	4,942,808	100.0	2,054,099	100.0
Norfolk	1,161,536	4.6	307,817	6.2	224,558	10.9
Washington	20,302,191	100.0	18,018,689	100.0	63,742	100.0
Seattle	372,684	1.8	1,623,161	1.8	4,000	6.3
Wisconsin	6,350,530	100.0	40,589,312	100.0	8,564,205	100.0
Milwaukee	683,176	10.8	14,923,841	36.8	2,904,749	33.9

Table 6 - ENROLLMENT, EXPENDITURES, AND PERCENTAGE OF STATES' TOTAL IN MAJOR CITIES, BY TARGET GROUP, FY 1970

	Disadvantaged				Handicapped			
	Enrollment	Percentage	Expenditures	Percentage	Enrollment	Percentage	Expenditures	Percentage
Alabama	30,261	100.0	$2,367,549	100.0	3,019	100.0	$ 376,620	100.0
Birmingham	1,750	5.7	240,810	10.2	806	26.6	72,778	19.3
Mobile	515	1.7	103,504	4.4	234	7.7	19,595	5.2
Total	2,265	7.4	344,413	14.5	1,040	34.4	92,368	24.5
Colorado	2,723	100.0	944,795	100.0	1,971	100.0	1,010,802	100.0
Denver	154	5.6	168,588	24.8	515	26.1	243,168	24.1
Georgia	55,136	100.0	1,224,905	100.0	16,372	100.0	673,395	100.0
Atlanta	12,150	22.0	309,346	25.3	2,058	12.5	121,974	18.1
Hawaii	4,916	100.0	648,257	100.0	438	100.0	96,564	100.0
Honolulu	3,505	71.2	430,524	66.4	438	100.0	86,095	89.2
Illinois	79,075	100.0	6,009,671	100.0	4,670	100.0	2,442,661	100.0
Chicago	61,710	78.0	3,208,635	53.4	879	18.8	94,852	3.9
Indiana	2,701	100.0	2,659,166	100.0	1,087	100.0	1,046,047	100.0
Indianapolis	215	7.9	152,832	5.7	55	5.1	5,985	0.6
Kansas	8,596	100.0	1,070,893	100.0	3,524	100.0	428,596	100.0
Wichita	1,763	20.5	218,265	20.4	569	16.1	70,750	16.5
Kentucky	9,354	100.0	538,411	100.0	643	100.0	352,024	100.0
Louisville			54,146	10.1			54,999	15.6
Louisiana	48,403	100.0	3,901,285	100.0	615	100.0	574,967	100.0
New Orleans	3,895	8.0	367,277	9.4	15	2.4	14,763	2.6
Massachusetts	259	100.0	260,830	100.0	141	100.0	140,087	100.0
Boston	---	---	---	---	---	---	---	---
Michigan	10,424	100.0	3,032,988	100.0	---	---	1,337,641	100.0
Detroit	7,710	73.9	315,124	10.4	---	---	---	---
Minnesota	10,223	100.0	1,498,204	100.0	5,401	100.0	858,861	100.0
Minneapolis	2,385	23.3	868,811	58.0	2,048	37.9	320,113	37.3
St. Paul	1,844	18.0	100,924	6.7	335	6.2	27,025	3.1
Total	4,229	41.3	969,735	64.7	2,383	44.1	347,138	40.4
Missouri	9,651	100.0	1,280,365	100.0	2,834	100.0	256,087	100.0
Kansas City	691	7.2	145,292	11.3	---	---	---	---
St. Louis	300	3.1	363,954	28.4	278	9.8	70,401	27.5
Total	991	10.3	509,246	39.7	278	9.8	70,401	27.5
Nebraska	6,833	100.0	441,655	100.0	413	100.0	68,564	100.0
Omaha	94[illegible]	13.7	184,392	41.8	56	13.5	27,398	40.0

Table 6 - ENROLLMENT, EXPENDITURES, AND PERCENTAGE OF STATES' TOTAL IN MAJOR CITIES, BY TARGET GROUP, FY 1970 (Cont'd)

	Disadvantaged				Handicapped			
	Enrollment	Percentage	Expenditures	Percentage	Enrollment	Percentage	Expenditures	Percentage
w Jersey	7,307	100.0	$2,276,433	100.0	3,475	100.0	$1,390,297	100.0
Jersey City	1,063	14.5	27,086	1.2	---	---	---	---
Newark	201	2.8	168,556	7.4	---	---	168,065	12.1
Total	1,264	17.3	195,642	8.6	---	---	168,065	12.1
w Mexico	11,579	100.0	1,482,969	100.0	842	100.0	676,410	100.0
Albuquerque	3,515	30.3	18,354	1.2	280	33.2	286,864	42.4
io	18,563	100.0	7,373,831	100.0	1,814	100.0	963,911	100.0
Akron	706	3.8	65,241	0.9	7	0.4	21,931	2.3
Cincinnati	403	2.2	194,656	2.6	553	29.4	111,281	11.5
Cleveland	1,803	9.7	469,604	6.4	18	1.0	94,433	9.8
Columbus	330	1.8	176,873	2.4	48	2.6	12,169	1.3
Dayton	1,516	8.2	375,171	5.1	21	1.2	31,678	3.3
Toledo	1,037	5.6	147,792	2.0	90	5.0	10,066	1.0
Total	5,795	31.2	1,429,337	19.4	737	40.6	281,558	29.2
klahoma	17,883	100.0	8,967,032	100.0	4,647	100.0	714,929	100.0
Oklahoma City	625	3.4	1,851,383	20.6	270	5.8	143,212	20.0
Tulsa	286	1.5	1,235,777	13.8	118	2.5	32,959	4.6
Total	911	5.1	3,087,160	34.4	388	8.3	176,171	24.6
regon	3,746	100.0	740,383	100.0	1,041	100.0	402,597	100.0
Portland	783	20.9	290,651	39.3	283	27.2	200,275	49.7
nnsylvania	33,999	100.0	10,574,412	100.0	2,451	100.0	3,794,316	100.0
Philadelphia	25,479	74.9	6,526,864	61.7	2,451	100.0	1,782,021	47.0
Pittsburgh	---	---	2,110,166	20.0	---	---	118,777	3.1
Total	25,479	74.9	8,637,030	81.7	2,451	100.0	1,900,798	50.1
nnessee	10,717	100.0	2,540,565	100.0	293	100.0	637,386	100.0
Memphis	910	8.5	460,891	18.1	---	---	81,208	12.7
xas	9,781	100.0	4,584,792	100.0	8,051	100.0	1,534,528	100.0
Dallas	315	3.2	75,996	1.7	---	---	---	---
El Paso	1,054	10.7	284,367	6.2	62	0.8	30,108	2.0
Fort Worth	275	2.8	241,302	5.3	80	1.0	36,073	2.4
Houston	569	5.8	187,689	4.1	37	0.5	46,885	3.1
San Antonio	160	1.6	---	---	---	---	---	---
Total	2,373	24.2	789,354	17.2	179	2.2	113,066	7.4
rginia	11,556	100.0	2,061,100	100.0	1,378	100.0	549,243	100.0
Norfolk	2,494	21.5	62,204	3.0	78	5.6	---	---
shington	6,669	100.0	2,082,558	100.0	2,786	100.0	1,193,918	100.0
Seattle	678	10.1	128,617	6.2	369	13.2	47,782	4.0
sconsin	8,065	100.0	1,683,952	100.0	385	100.0	842,242	100.0
Milwaukee	923	11.4	868,649	51.6	5	1.3	548,711	65.1

Table 7 - COMPARISON OF PERCENTAGES OF STATES' POPULATION, VOCATIONAL ENROLLMENT, EXPENDITURES, AND TEACHERS IN MAJOR CITIES, FY 1970

State	City	Population	Total Enrollment	Federal Expenditures	S/L Expenditures	Teachers
Alabama	Birmingham	8.7	7.8	15.6	10.2	18.4
	Mobile	5.5	5.7	5.2	6.0	7.4
Colorado	Denver	23.3	30.9	17.4	15.0	32.6
Georgia	Atlanta	10.8	11.4	11.3	9.5	11.6
Hawaii	Honolulu	42.2	74.9	63.6	70.5	69.7
Illinois	Chicago	30.3	20.9	28.9	30.3	18.5
Indiana	Indianapolis	14.3	3.5	4.3	2.9	6.5
Kansas	Wichita	12.3	17.2	14.5	15.6	16.5
Kentucky	Louisville	11.2	4.2	4.7	4.5	4.9
Louisiana	New Orleans	16.3	7.4	9.7	15.7	7.7
Massachusetts	Boston	11.3	9.5	0.6	3.5	10.0
Michigan	Detroit	17.0	9.5	5.4	6.5	7.6
Minnesota	Minneapolis	11.4	13.6	11.5	8.8	14.7
	St. Paul	8.1	13.8	3.8	8.7	12.0
Missouri	Kansas City	10.8	5.6	16.9	11.5	8.1
	St. Louis	13.3	11.9	8.9	13.1	14.1
Nebraska	Omaha	23.4	12.6	18.9	17.4	24.3
New Jersey	Jersey City	3.6	3.9	0.1	0.1	2.3
	Newark	5.3	5.9	4.4	6.0	3.9
New Mexico	Albuquerque	24.0	30.9	19.8	17.8	26.6
Ohio	Akron	2.8	1.4	1.5	3.7	2.2
	Cincinnati	4.2	4.6	4.2	0.4	2.5
	Cleveland	7.0	6.5	5.9	2.5	5.9
	Columbus	5.1	1.7	1.2	0.3	2.7
	Dayton	2.3	3.1	3.6	1.3	5.1
	Toledo	3.6	13.4	3.6	1.1	3.9

Table 7 - COMPARISON OF PERCENTAGES OF STATES' POPULATION, VOCATIONAL ENROLLMENT, EXPENDITURES, AND TEACHERS IN MAJOR CITIES, FY 1970 (Cont'd)

State	City	Population	Total Enrollment	Federal Expenditures	S/L Expenditures	Teachers
Oklahoma	Oklahoma City	14.3	6.9	13.8	11.5	15.3
	Tulsa	13.0	3.8	7.6	9.1	8.5
Oregon	Portland	18.3	35.6	29.2	24.4	30.3
Pennsylvania	Philadelphia	16.5	12.4	16.7	9.1	10.8
	Pittsburgh	4.4	2.9	6.7	6.2	2.3
Tennessee	Memphis	15.9	13.6	15.2	15.0	20.2
Texas	Dallas	7.5	5.8	3.9	2.1	3.7
	El Paso	2.9	2.8	1.0	1.2	1.5
	Fort Worth	2.5	2.8	4.1	2.3	4.2
	Houston	11.0	6.8	2.5	2.9	7.0
	San Antonio	5.8	2.8	4.8	2.3	4.5
Virginia	Norfolk	6.6	6.1	5.0	5.2	5.8
Washington	Seattle	15.6	11.3	9.3	4.7	23.2
Wisconsin	Milwaukee	16.2	18.9	23.4	34.7	16.6

Table 8 - COMPARISON OF PERCENTAGES OF STATES' VOCATIONAL ENROLLMENT AND EXPENDITURES IN MAJOR CITIES, BY LEVEL AND TARGET GROUP, FY 1970

State and City	Secondary		Post-secondary		Adult		Disadvantaged		Handicapped	
	Enr.	Exp.	Enr.	Exp.	Enr.	Exp.	Enr.	Exp.	Enr.	Exp.
Alabama										
Birmingham	6.5	12.2	8.9	8.8	10.0	37.4	5.7	10.2	26.6	19.3
Mobile	3.7	3.5	10.1	.9.0	8.1	5.7	1.7	4.4	7.7	5.2
Colorado										
Denver	12.4	14.8	14.8	10.5	14.8	62.6	5.6	24.8	26.1	24.1
Georgia										
Atlanta	5.9	7.6	19.0	12.4	19.0	11.5	22.0	25.3	12.5	18.1
Hawaii										
Honolulu	75.0	68.4	77.9	67.9	71.8	79.9	71.2	66.4	100.0	89.2
Illinois										
Chicago	17.7	29.0	3.7	20.5	39.2	69.7	78.0	53.4	18.8	3.9
Indiana										
Indianapolis	2.8	2.9	6.4	7.9	4.4	0.9	7.9	5.7	5.1	0.6
Kansas										
Wichita	19.2	19.1	5.7	7.5	1.7	16.4	20.5	20.4	16.1	16.5
Kentucky										
Louisville	5.0	4.7	2.5	4.7	3.0	3.6	0	10.1	0	15.6
Louisiana										
New Orleans	6.1	10.1	10.4	21.4	11.6	8.1	8.0	9.4	2.4	2.6
Massachusetts										
Boston	9.7	3.9	2.2	0.9	13.3	4.7	0	0	0	0
Michigan										
Detroit	11.3	7.4	0.1	0	9.5	16.7	73.9	10.4	0	0
Minnesota										
Minneapolis	9.6	14.5	7.0	6.4	21.0	10.9	23.3	58.0	37.9	37.3
St. Paul	8.8	3.8	14.0	9.0	21.4	18.5	18.0	6.7	6.2	3.1
Missouri										
Kansas City	1.9	4.9	23.0	16.7	11.0	6.9	7.2	11.3	0	0
St. Louis	7.1	10.5	31.1	26.1	19.7	30.8	3.1	28.4	9.8	27.5
Nebraska										
Omaha	12.6	23.1	9.1	7.3	13.3	31.8	13.7	41.8	13.5	40.0

Table 8 - COMPARISON OF PERCENTAGES OF STATES' VOCATIONAL ENROLLMENT AND EXPENDITURES IN MAJOR CITIES, BY LEVEL AND TARGET GROUP, FY 1970 (Cont'd)

State and City	Secondary		Post-secondary		Adult		Disadvantaged		Handicapped	
	Enr.	Exp.	Enr.	Exp.	Enr.	Exp.	Enr.	Exp.	Enr.	Exp.
New Jersey										
Jersey City	4.8	0.2	0	0	1.1	0	14.5	1.2	0	0
Newark	7.1	5.4	0	7.6	2.5	7.6	2.8	7.4	0	12.1
New Mexico										
Albuquerque	16.4	9.5	41.6	31.5	78.2	36.7	30.3	1.2	33.2	42.4
Ohio										
Akron	1.7	3.6	2.5	1.3	1.1	3.5	3.8	0.9	0.4	2.3
Cincinnati	2.6	0.7	7.6	3.2	6.0	3.6	2.2	2.6	29.4	11.5
Cleveland	4.9	2.6	3.8	3.0	7.8	15.2	9.7	6.4	1.0	9.8
Columbus	1.4	0.2	2.1	1.8	2.0	4.2	1.8	2.4	2.6	1.3
Dayton	2.2	1.3	4.2	2.9	3.7	9.2	8.2	5.1	1.2	3.3
Toledo	4.4	1.0	3.0	3.7	21.0	11.1	5.6	2.0	5.0	1.0
Oklahoma										
Oklahoma City	4.7	13.4	12.0	7.9	10.3	4.1	3.4	20.6	5.8	20.0
Tulsa	2.8	9.4	6.5	4.6	5.3	13.3	1.5	13.8	2.5	4.6
Oregon										
Portland	25.9	28.2	7.4	23.5	80.9	24.7	20.9	39.3	27.2	49.7
Pennsylvania										
Philadelphia	14.1	9.6	3.0	9.3	11.1	23.7	74.9	61.7	100.0	47.0
Pittsburgh	4.1	5.9	2.0	11.7	1.0	5.0	0	20.0	0	3.1
Tennessee										
Memphis	10.3	11.5	18.3	19.4	20.9	28.6	8.5	18.1	0	12.7
Texas										
Dallas	0.9	1.5	7.2	4.6	11.7	5.7	3.2	1.7	0	0
El Paso	2.0	1.6	0.3	0.1	4.2	3.4	10.7	6.2	0.8	2.0
Fort Worth	3.0	2.3	9.3	4.1	1.6	2.2	2.8	5.3	1.0	2.4
Houston	7.2	3.4	8.4	0.5	6.1	14.7	5.8	4.1	0.5	3.1
San Antonio	1.7	1.2	8.8	6.8	3.5	2.5	1.6	0	0	0
Virginia										
Norfolk	5.9	4.6	7.6	6.2	6.5	10.9	21.5	3.0	5.6	0
Washington										
Seattle	6.6	1.8	10.4	1.8	20.5	6.3	10.1	6.2	13.2	4.0
Wisconsin										
Milwaukee	9.9	10.8	38.4	36.8	17.5	33.9	11.4	51.6	1.3	65.1